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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/556,913

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EXAMINER

CONTEE, JOY KIMBERLY

ART UNIT

PAPER NUMBER

2617

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/556,913	<b>Applicant(s)</b> DUAN ET AL.	
	<b>Examiner</b> JOY K. CONTEE	<b>Art Unit</b> 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 November 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 November 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10/31/07, 3/21/06</u> .                                       | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Burroughs et al. (Burroughs), US 2006/0258369.

1. A handling method after updating of privacy profile of a target UE, wherein, when the location service (LCS) system is aware that the privacy profile of the target UE was updated, the method comprising the steps of: A. For a location request against that UE, the LCS system performing a privacy check, if the said location request passes the privacy check, going to step B, otherwise going to step C; B. The LCS system continuing to handle the location request until the end of the handling process of the said location request; C. The LCS system initialing a cancellation procedure to the said location request (see page 6 [0057]).

2. A method according to claim 1, wherein, before the said step A, the method further comprising: the LCS system deciding whether there is a location request for the said target UE currently in activated state, if yes, going to step A; otherwise ending the

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current process(see Fig. 2A and see page 6 [0057]).

3. A method according to claim 1, wherein, when there are more than one location request for the said target UE in activated state, step A is repeated until privacy check for all the location requests for the target UE in activated state have been completed. (see Fig. 2A and see page 6 [0057]).

4. A method according to claim 1, wherein the said performing a privacy check for a location request in step A comprising: for the location request, the LCS system performing a privacy check based on the updated privacy profile of the target UE, comparing the saved information of the location request with the current privacy profile of the target UE, deciding whether the saved information of the location request satisfies the condition of the current target UE's privacy profile to allow the location information of the target UE to be provided to the LCS client, if the condition is satisfied, the location request will pass the privacy check; otherwise, the location request will not pass the privacy check(see Fig. 2A and see page 6 [0057]).

5. A method according to claim 1, wherein the type of said location request is a UE available event, and the said step C comprising the steps of: C11. The Gateway Mobile Location Center (GMLC) initiates to the Core Network (CN) cancellation procedure to the location request carrying the identification of UE available event location request; C12. CN deletes the saved information corresponding to the said UE available event

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location request in accordance with the identification of UE available event location request, and then sends to GMLC a message of acknowledgement of canceling the UE available event location request; C13. GMLC deletes the saved information corresponding to the said UE available event location request in accordance with the identification of UE available event location request(see Fig. 2A and see page 6 [0057]).

6. A method according to claim 1, wherein the said location request is a change of area event location request, and the said step C comprising the steps of: C21. The Gateway Mobile Location Center (GMLC) initiating to the Core Network (CN) cancellation procedure to the location request carrying the identification of change of area event location request, and CN initiating to the target UE cancellation procedure to the location request carrying the identification of change of area event location request; C22. The said target UE deleting the saved information corresponding to the said change of area event location request in accordance with the identification of change of area event location request, and then sending to CN a message of acknowledgement of cancellation the change of area event location request, and CN forwarding to GMLC this message of acknowledgement of cancellation the change of area event location request; C23. GMLC deleting the saved information corresponding to the said change of area event location request in accordance with the identification of change of area event location request. (see Fig. 2A and see page 6 [0057-0059]).

7. A method according to claim 5, wherein, after the said Step C, the method further

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comprising: GMLC sending to the LCS client a notification of cancellation the location request(see Fig. 2A and see page 6 [0057-0059]).

8. A method according to claim 1, wherein the procedure of the location service system is aware that the privacy profile of the target UE was updated comprising: A0. the Privacy Profile Register (PPR) sending to the GMLC of the LCS system an LCS Privacy Profile Update Notification(see Fig. 2A and see page 6 [0057]).

9. A method according to claim 8, wherein, after the Step A0, the method further comprising: GMLC returning to PPR an LCS Privacy Profile Update Notification ACK(see Fig. 2A and see page 6 [0057]).

10. A method according to claim 1, wherein, after the Step C, the method further comprising: the LCS system sending to the LCS client corresponding to the said location request a notification of canceling the location request(see Fig. 2A and see page 6 [0057]).

11. A method according to claim 6, wherein, after the said Step C, the method further comprising: GMLC sending to the LCS client a notification of cancellation the location request(see Fig. 2A and see page 6 [0057]).

### ***Conclusion***

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JOY K. CONTEE whose telephone number is (571)272-7906. The examiner can normally be reached on Monday through Friday, 5:30 a.m. to 2:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571.272.7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JC

/Joy K Contee/  
Patent Examiner (PSA), Art Unit 2617